



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 72786**

Friday, August 12, 2011 2:39:04 PM



Page 2

**Item ID:** D3535-13

Accept



Setup Start

**Revision ID:****Item Name:** Wearshoe

Stop

**Start Date:** 8/12/2011 **Start Qty:** 12.00**Cust Item ID:****Required Date:** 8/19/2011 **Req'd Qty:** 12.00**Customer:****Reference:****Approvals:****Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Run Start

**QC:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **SPC (Y/N):** \_\_\_\_\_ **Date:** \_\_\_\_\_

Stop

**Sequence ID/  
Work Center ID****Operation  
Description****Set Up/  
Run Hours****Tool ID****Tool #****Plan  
Code****Accept  
Qty****Reject  
Qty****Reject  
Number****Insp.  
Stamp**

130



NC BRAKE

0.00

(13)

B1-08.15

Brake NC

**Memo**

0.00

Brake NC

1-Form on Brake as per Dwg D3535 using Jigs DT8261 and DT8326 □ 2-Form  
joggle as per Dwg D3535 using Jig DT8158 Identify as D3535-13

140



QC5- Inspect part completeness to step on W/O

0.00

8 wlos15

QC

**Memo**

0.00

Quality Control

150



Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00

13x5 ml 11/08/15

Powdercoat

**Memo**

11:40 00

Powder Coating

**START TIME:****OVEN TEMPERATURE:****FINISH TIME:**

320° F

12:10

M 117338

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 72786**

Friday, August 12, 2011 2:39:04 PM



Page 3

Item ID: D3535-13

Accept



Setup Start



Revision ID:

Item Name: Wearshoe

Stop



Start Date: 8/12/2011 Start Qty: 12.00



Cust Item ID:

Required Date: 8/19/2011 Req'd Qty: 12.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160



QC3- Inspect Part Finish

0.00

13 6 M-108/15

QC

Memo

0.00

Quality Control

170



Identify as per dwg &amp; Stock Location:

F-P2

0.00

13X 8 m-f 11/08/15

Packaging

Memo

0.00

Packaging

180



QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

11/8/15 AF

13 6 M-108/15

C2 11/08/15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

Friday, August 12, 2011 2:39:10 PM

Page 1

Work Order ID: 72786



Parent Item: D3535-13



Parent Item Name: Wearshoe

Start Date: 8/12/2011

Required Date: 8/19/2011

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP Rev:A New Issue 07-02-15 JLM  
IPP Rev:B As per Rev B 07-08-31 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S20GA 		Purchased		No		100	sf	231.4072	0.8505	10.74316	11.		 B11-8-15

304/316 .040 Sheet

Location	Loc Qty	Loc Code
MAT020	231.4072	
116623	0.2	
117550	9.363	
117933	79.3442	
118400	142.5	118400

(13)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

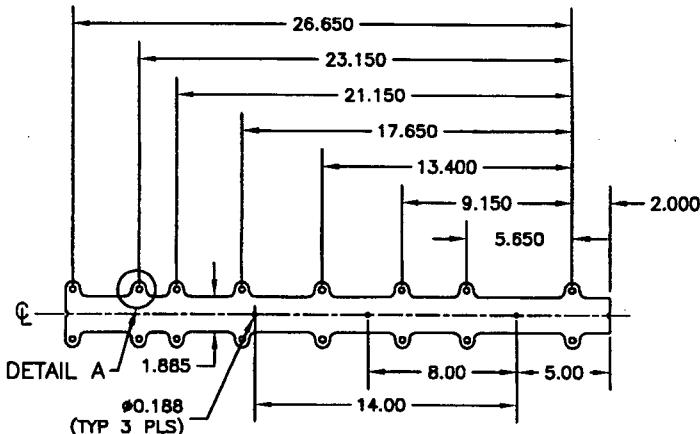
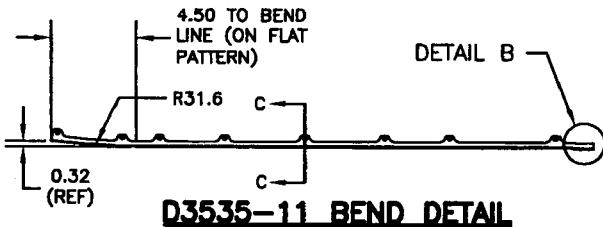
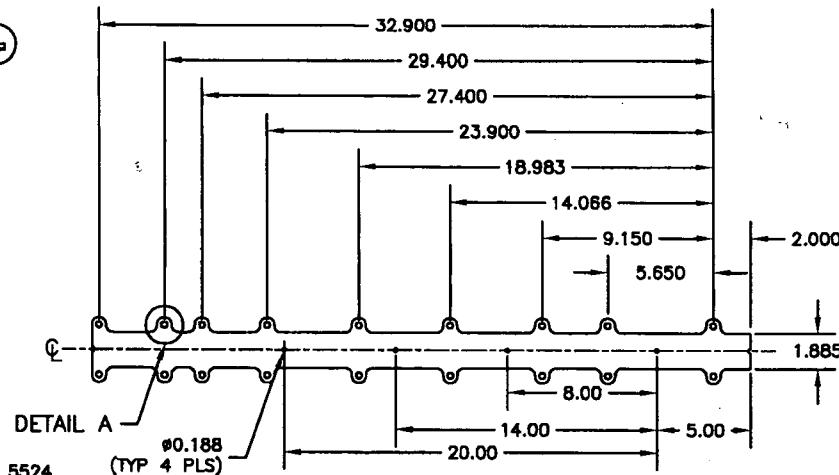
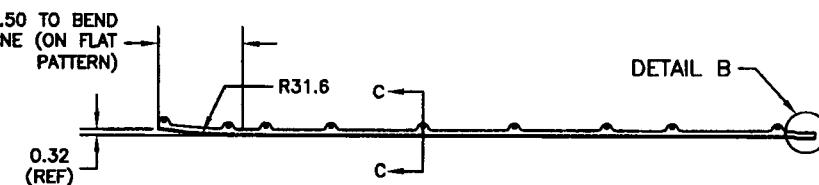
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**DART**

RELEASED

57.04.24

**D3535-11F FLAT PATTERN****D3535-11 BEND DETAIL****D3535-13F FLAT PATTERN****D3535-13 BEND DETAIL**

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Copyright © 2006 by DART AEROSPACE USA, INC.

**NOTES**

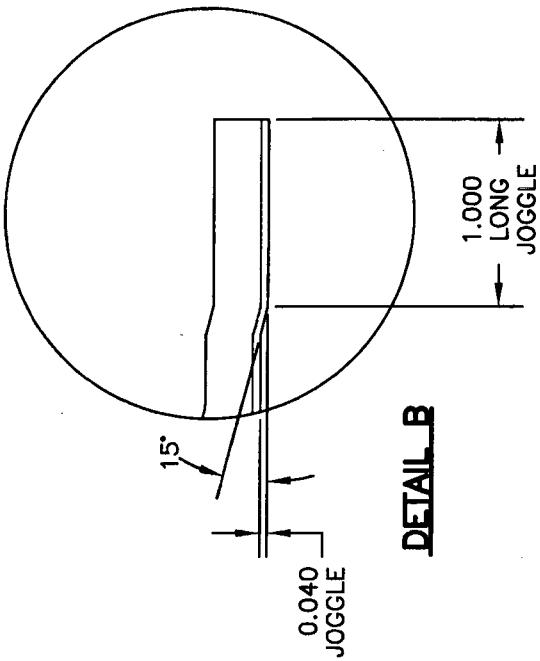
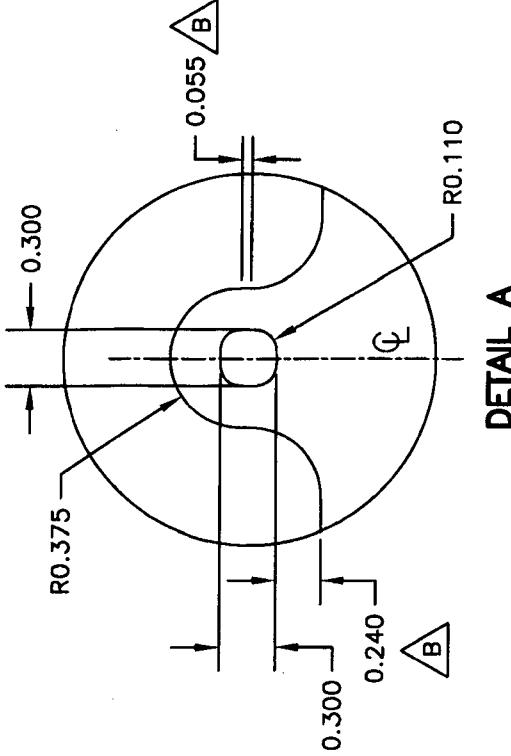
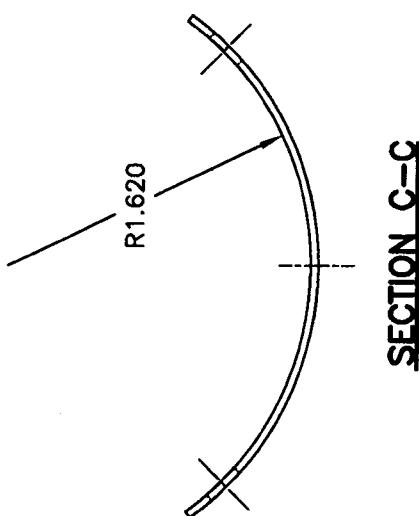
- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524.  
20 GAUGE (0.038 THICK)  
(REF DART SPEC M304S20GA)
- 2) FINISH: POWDER COAT GREY SANTEX (4.3.5.6) PER  
QSI 005 4.3
- 3) PART IS SYMMETRICAL ABOUT  $\frac{C}{2}$
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS  
OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES TO 0.010 MAX
- 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT  
PAINT MARKER
- 8) SEE PAGE 7 FOR DETAILS AND SECTION

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.
C8	PH	PORT HADLOCK, WA
CHECKED	APPROVED	DRAWING NO.
		D3535
DATE		TITLE
07.04.17		WEARSHOE
A	06.10.25	NEW ISSUE
B	07.04.17	MOVE TAB OUTBOARD, ADD AMS SPEC
		REV. B
		SHEET 1 OF 7
		SCALE
		1:10

**DART**

DESIGN <i>CB</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA
CHECKED <i>[initials]</i>	APPROVED <i>[initials]</i>	DRAWING NO. D3535
DATE 07.04.17	TITLE	SCALE 1:1

RELEASED

07.04.24 *[initials]**10/18/09  
#***DETAIL B****DETAIL A****SECTION C-C**

Copyright © 2006 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

DART AEROSPACE LTD		Work Order:	72786
Description: Wearshoe		Part Number:	D3535-13
Inspection Dwg: D3535 Rev: B		Page 1 of 1	

### FIRST ARTICLE INSPECTION CHECKLIST

First Article  Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.885	+/-0.010	1.891	✓		✓ B02	
2.000	+/-0.010	2.000	✓		✓	
5.650	+/-0.010	5.650	✓		T B01	
9.150	+/-0.010	9.150	✓		T	
14.066	+/-0.010	14.066	✓		✓	
18.983	+/-0.010	18.983	✓		T	
23.900	+/-0.010	23.900	✓		T	
27.400	+/-0.010	27.400	✓		T	
29.400	+/-0.010	29.400	✓		T	
32.900	+/-0.010	32.900	✓		T	
Ø0.188	+0.005/-0.001	0.191	✗		✓	
20.00	+/-0.030	20.00	✓		T	
14.00	+/-0.030	14.00	✓		T	
8.00	+/-0.030	8.00	✓		T	
5.00	+/-0.030	5.00	✓		T	
0.300	+/-0.010	0.304	✗		✓	
0.300	+/-0.010	0.301	✓		✓	
0.038	+/-0.010	0.036	✓		✓	

Measured by:	B	Audited by:	S	Prototype Approval:	N/A
Date:	11-8-15	Date:	11-8-15	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.04.15	New Issue	KJ/DD	BB